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<p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>O-102 NOV 06 2003 PATENT & TRADEMARK OFFICE</p>		Application Number			
		Filing Date		Concomitantly herewith	
		First Named Inventor		Katsumi NAKAJIMA et al	
		Group Art Unit			
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	02010C/HG

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U.S. PATENT DOCUMENTS

Exam. Inits. ¹	Cite No. ²	Document Number	Kind Code ³	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam. Inits. ¹	Cite No. ²	Office	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
		JP	10-280092	A	NIPPON STEEL CORP	10-20-1998		*
		JP	9-263903	A	NISSHIN STEEL CO	10-07-1997		*
		JP	5-59489	A	SUMITOMO METAL IND	03-09-1993		*
		JP	6-158162	A	KAWASAKI STEEL	06-07-1994		*
		JP	5-112845	A	NIPPON STEEL CORP	05-07-1993		*
		JP	5-70836	A	SUMITOMO METAL IND	03-23-1993		*
		JP	2-175837	A	KOBE STEEL LTD	07-09-1990		*
		JP	5-78784	A	NIPPON STEEL CORP	03-30-1993		*
		JP	8-92656	A	KAWASAKI STEEL	04-09-1996		*
		JP	7-62209	B2	NIPPON STEEL CORP	07-05-1995		**
		JP	7-47796	B2	NIPPON STEEL CORP	05-24-1995		***
		JP	61-32375	B2	NIPPON STEEL CORP	07-26-1986		****

* English language Abstract only.

** English language Abstract of corresponding 18-month publication of JP 04-176843 A.

*** English language Abstract of corresponding 18-month publication of JP 04-191349 A.

**** English language Abstract of corresponding 18-month publication of JP 58-107414 A.

Examiner Signature	Debbie Yee	Date Considered	1-20-04
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